04CO #2 0280
01/31

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No 09/753,413
Filing Date 1/2/2001
Inventorship ..... Bradshaw
Applicant ..... Microsoft Corporation
Attorney's Docket No. MS1-622US
Title: Hierarchical, Probabilistic, Localized, Semantic Image Classifier

OIPE
JAN 23 2001
PATENT & TRADEMARK OFFICE

TRANSMITTAL LETTER AND CERTIFICATE OF MAILING

The Commissioner of Patents & Trademarks
Washington, D.C. 20231

From: Kasey C. Christie (Tel. 509-324-9256; Fax 509-323-8979)
Lee & Hayes, PLLC
421 W. Riverside Avenue, Suite 500
Spokane, WA 99201

The following enumerated items accompany this transmittal letter and are being submitted for the matter identified in the above caption.

1. Transmittal letter including Certificate of Mailing
2. Return Post Card
3. Information Disclosure Statement; Form PTO-1449; references (9)

Large Entity Status [x] Small Entity Status [ ]

Applicant hereby requests an extension of time in any case such an extension is necessary. The fee should be charged to the Deposit Account indicated below.

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 in connection with any patent application filing fees under 37 CFR 1.16, and any processing fees, including any necessary extension fees under 37 CFR 1.17.

Date: 1-18-2001 By: Kasey C. Christie
Kasey C. Christie
Reg. No. 40,559

CERTIFICATE OF MAILING

I hereby certify that the items listed above as enclosed are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to The Commissioner of Patents & Trademarks, Washington, D.C. 20231, on the below-indicated date

Date: 1/18/2001 By: Cheryl K. Boies
Cheryl K. Boies

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 09/753,413
Filing Date 1/2/2001
Inventorship ..... Bradshaw
Applicant ..... Microsoft Corporation
Attorney's Docket No. MS1-622US
Title: Hierarchical, Probabilistic, Localized, Semantic Image Classifier

OIPE JC131
JAN 2 3 2001
PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

REMARKS

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 1-18-2001

By: _____
Kasey C. Christie
Reg. No. 40,559

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MS1-622US	SERIAL NO. 09/753,413
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Microsoft Corporation	
		FILING DATE 1/2/2001	GROUP

OIPE JC151 JAN 2 3 2001 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	H						
	J						
	K						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

	E		Hotta et al., "Image Retrieval by Using PCA Binary Trees," Transactions of the Institute of Electronics, Information and Communication Engineers D-II, Vol. J83D-II, No. 5, May 2000, pp 1395-1397
	F		Vasconcelos et al., A Probabilistic Architecture for Content-based Image Retrieval," MIT Media Lab, IEEE 2000, pp 216-221
	F		Wu et al., "Discriminant-EM Algorithm with Application to Image Retrieval," Beckman Institute, University of Illinois at Urbana-Champaign, IEEE 2000, pp 222-227
	H		Martinez, "Semantic Access of Frontal Face Images: the expression-invariant problem," Robot Vision Lab. School of Electrical and Computer Engineering, Purdue University, IEEE 2000, pp 55-59
	I		Durand et al., "Extraction of Composite Visual Objects from Audiovisual Materials," Proceedings of SPIE Conference on Multimedia Storage and Archiving Systems IV, SPIE Vol. 3846, September 1999, pp 194-203

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
MS1-622US	09/753,413
APPLICANT: Microsoft Corporation	
FILING DATE: 1/2/2001	GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

	G		Puzicha et al, "A theory of proximity based clustering: structure detection by optimization," Journal of the Pattern Recognition Society 33, 2000, pp 617-634
	F		Xu et al., "Object Formation by Learning in Visual Databases Using Hierarchical Content Description," Department of Electrical Engineering, University of Rochester, Xerox Corporation, IEEE, 1999, pp 595-599
	G		Fuh et al., "Hierarchical Color Image Region Segmentation for Content-Based Image Retrieval System," IEEE Transactions on Image Processing, 2000, V9, N1 (Jan), pp 156-162
	H		Lee et al., "Information Embedding Based on User's Relevance Feedback for Image Retrieval," Proceedings of SPIE Conference on Multimedia Storage and Archiving Systems IV, SPIE Vol. 3846, September 1999, pp 294-304
	I		

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.